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## ***ABSTRACT***

3 A hydrophilic pliable wound dressing consisting of bio-polymers creates a new approach to  
4 wound dressing by providing a self-assembling hydrophilic gel type moisture permeable barrier  
5 applicable to a wide range of wound sizes and depths. Biodegradability and water solubility  
6 enable rapid and safe disposal, obviating a significant problem that occurs with conventional  
7 type dressings. The initial sheet form of the dressing provides an ideal carrier for delivery of  
8 nutrients, debriders, antibiotics, analgesics and physiological regulators.